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Cover: *Geodorum laxiflorum* Griff.—inflorescence (Orchidaceae) © Ashish Ravindra Bhojar.



A checklist of dragonflies & damselflies (Insecta: Odonata) of Kerala, India

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Abstract: A checklist of odonates of Kerala State is presented in this paper. Scientific binomen, vernacular names in Malayalam, IUCN Red List status, and endemism are also given. A total of 174 species of odonates have been recorded from Kerala till date, 65 of which are endemic to the Western Ghats, and 10 to India. Five species fall under various threatened categories of IUCN. None of the odonates occurring in Kerala is listed in the schedules of the Indian Wildlife (Protection) Act or the appendices of CITES.

Keywords: Biodiversity, endemism, odonates, Western Ghats, IUCN Red List.

A total of 6,324 species of odonates from 45 families have been described from around the globe till date (Paulson & Schorr 2021). In India, 493 species from 18 families are known. The Western Ghats, which forms part of a global biodiversity hotspot has 196 species of odonates (Subramanian & Babu 2020). High endemism and diversity is seen in the southern Western Ghats (Subramanian & Sivaramakrishnan 2002), of which Kerala is a part. Odonatology in India can be traced back to Carl Linnaeus and Selys-Longchamps who described some of the first species from India. During the British Raj, Laidlaw started the systematic documentation of odonates which was taken to its pinnacle by F.C. Fraser. In his three volume treatise (Fraser 1933, 1934, 1936) on the odonates of the Indian subcontinent, Fraser gave

a detailed account of the odonates of Kerala also. After independence, the documentation of odonate fauna in India was taken up mostly by the scientists of Zoological Survey of India (ZSI) and some regional universities, with many papers being published on new species descriptions, life histories and distribution of Odonata. Prasad & Varshney (1995) published a checklist of Odonata of India which was a major landmark in Indian Odonatology.

After Fraser, there was a significant gap in the study of Odonata in Kerala which was gradually filled by the works of Peters (1981), Rao & Lahiri (1982), Prasad (1987), Mathavan & Miller (1989), Radhakrishnan (1997), Emiliyamma & Radhakrishnan (2000, 2002), Palot et al. (2002), Radhakrishnan & Emiliyamma (2003), Emiliyamma (2005), and Subramanian & Sivaramakrishnan (2005). Odonata watching was popularized with the publication of field guides by Emiliyamma et al. (2005), Subramanian (2005, 2009), and Kiran & Raju (2013). The conservation of odonates of the Western Ghats was highlighted in the works of Subramanian (2007) and Subramanian et al. (2011). ZSI has been publishing updated checklists of Odonata of India periodically and the latest version has listed 488 species (Subramanian & Babu 2017). A systematic study of Odonata of the southern Western Ghats was

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done by Emiliyamma (2014) in which 169 species were listed from the region. The first checklist of Odonata of Kerala was compiled by Kiran & Raju (2011) in which 148 species were included. Subramanian et al. (2018) gave a detailed account of the distribution of odonates in the Western Ghats. However, there has been no bona fide attempt to update the checklist of Odonata of Kerala with species that were newly described (Subramanian et al. 2013; Kiran et al. 2015; Emiliyamma & Palot 2016b; Joshi & Sawant 2019; Rangnekar et al. 2019; Joshi & Sawant 2020; Emiliyamma et al. 2020; Joshi et al. 2020) and whose range extensions were published (Das et al. 2013; Emiliyamma et al. 2013; Emiliyamma & Palot 2016a; Rison & Jose 2019; Varghese 2019; Rison & Chandran 2020; Muneer & Chandran 2020; Chandran et al. 2021; Haneef et al. 2021). Besides, citizen science portals have helped to document the occurrence of some rare odonates in Kerala (Anonymous 2021; Ueda 2021a,b,c). Nair et al. (2021) reported 181 species of Odonata from Kerala, but many of these records lack taxonomic, or even photographic evidence (Chandran & Sherif in press). Here, we list Odonata species whose occurrence in Kerala have been confirmed either from earlier published records or by presenting new evidence.

Studies on the geographical distribution of Odonata are a prerequisite for their conservation (Moore 1997). This paper attempts to provide a comprehensive and up-to-date list of odonates known from Kerala. We have omitted three species, *Asiagomphus nilgircus* (Laidlaw, 1922), *Heliogomphus kalarensis* Fraser, 1934, and *Idionyx nadganiensis* Fraser, 1924 from the previous list for want of evidence of their occurrence in Kerala. Moreover, Subramanian et al. (2018) have not shown records of these species from Kerala. We have desisted from using English common names in this list because multiple names are prevalent for many species. Malayalam names widely used in the state and listed in the website of Society for Odonate Studies (2021) have been added. The taxonomy and systematic arrangement follows Kalkman et al. (2020). A total of 174 species from 14 families belonging to two suborders are listed with their Malayalam names, references, IUCN Red List status and endemism. Of the species listed, 65 are endemic to the Western Ghats and 10 to India. None of the species are protected under the Indian Wildlife (Protection) Act or come under the appendices of CITES. The sole Endangered species, *Idionyx galeata* Fraser, 1924 is a rare forest insect endemic to the Western Ghats. All the four species classified as Vulnerable are also endemic to the Western Ghats (IUCN 2021). It must be noted that out of the 174 species of Odonata recorded from

Kerala till date, 27 are Data Deficient and 21 remain Not Evaluated in the IUCN Red List of Threatened Species.

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Table 1. Checklist of dragonflies & damselfies (Insecta: Odonata) of Kerala, India.

	Scientific name	Malayalam name	References	IUCN	END
	Order: Odonata				
	I. Suborder: Zygoptera	സുചിത്തുമ്പികൾ			
	1. Family: Lestidae	ചേരാച്ചിറകൻ തുമ്പികൾ			
1	<i>Indolestes gracilis</i> (Hagen in Selys, 1862)	കാട്ടു വിരിച്ചിറകൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
2	<i>Indolestes pulcherrimus</i> (Fraser, 1924)	ചതുപ്പ് വിരിച്ചിറകൻ	Muneer & Chandran (2020)	DD	EN WG
3	<i>Lestes concinnus</i> Hagen in Selys, 1862	തവിടൻ ചേരാച്ചിറകൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
4	<i>Lestes dorothea</i> Fraser, 1924	കാട്ടു ചേരാച്ചിറകൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
5	<i>Lestes elatus</i> Hagen in Selys, 1862	പച്ച ചേരാച്ചിറകൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
6	<i>Lestes malabaricus</i> Fraser, 1929	മലബാർ ചേരാച്ചിറകൻ	Kiran & Raju (2011); Subramanian et al. (2018)	NE	
7	<i>Lestes nodalis</i> Selys, 1891	പുള്ളി വിരിച്ചിറകൻ	Emiliyamma & Palot (2016a); Subramanian et al. (2018)	LC	
8	<i>Lestes patricia</i> Fraser, 1924	കരിവരയൻ ചേരാച്ചിറകൻ	Subramanian et al. (2018)	NE	EN WG
9	<i>Lestes praemorsus</i> Hagen in Selys, 1862	നീലക്കണ്ണി ചേരാച്ചിറകൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
10	<i>Platylestes kirani</i> Emiliyamma, Palot & Chares, 2020	കിരണി ചേരാച്ചിറകൻ	Emiliyamma et al. (2020)	NE	EN WG
11	<i>Platylestes platystylus</i> (Rambur, 1842)	പച്ചക്കണ്ണൻ ചേരാച്ചിറകൻ	Rison & Chandran (2020); Emiliyamma et al. (2020); Chandran et al. (2021)	LC	
	2. Family: Platystictidae	നിഴൽതുമ്പികൾ			
12	<i>Indosticta deccanensis</i> (Laidlaw, 1915)	കുങ്കുമ നിഴൽതുമ്പി	Kiran & Raju (2011); Subramanian et al. (2018)	VU	EN WG
13	<i>Protosticta antelopoides</i> Fraser, 1931	കൊമ്പൻ നിഴൽതുമ്പി	Kiran & Raju (2011); Subramanian et al. (2018)	NE	EN WG
14	<i>Protosticta cyanofemora</i> Joshi, Subramanian, Babu & Kunte 2020	നീലക്കാലി നിഴൽതുമ്പി	Joshi et al. (2020)	NE	EN WG
15	<i>Protosticta davenporti</i> Fraser, 1931	ആനമല നിഴൽതുമ്പി	Kiran & Raju (2011); Subramanian et al. (2018)	LC	EN WG
16	<i>Protosticta graveli</i> Laidlaw, 1915	പുള്ളി നിഴൽതുമ്പി	Kiran & Raju (2011); Subramanian et al. (2018)	LC	EN WG
17	<i>Protosticta hearseyi</i> Fraser, 1922	ചെറു നിഴൽതുമ്പി	Kiran & Raju (2011); Subramanian et al. (2018)	DD	EN WG
18	<i>Protosticta monticola</i> Emiliyamma & Palot, 2016	മാമല നിഴൽതുമ്പി	Emiliyamma & Palot (2016b)	NE	EN WG
19	<i>Protosticta mortoni</i> Fraser, 1924	നീലക്കുഴുത്തൻ നിഴൽതുമ്പി	Kiran & Raju (2011); Joshi et al. (2020)	NE	EN WG
20	<i>Protosticta ponmudiensis</i> Kiran, Sadasivan & Kunte, 2015	പൊന്മുടി നിഴൽതുമ്പി	Kiran et al. (2015); Subramanian et al. (2018)	NE	EN WG
21	<i>Protosticta rufostigma</i> Kimmins, 1958	അഗസ്ത്യമല നിഴൽതുമ്പി	Joshi et al. (2020)	DD	EN WG
22	<i>Protosticta sanguinostigma</i> Fraser, 1922	ചെമ്പൻ നിഴൽതുമ്പി	Kiran & Raju (2011); Subramanian et al. (2018)	VU	EN WG
23	<i>Protosticta sholai</i> Subramanian & Babu, 2020	ചോല നിഴൽതുമ്പി	Joshi et al. (2020)	NE	EN WG
	3. Family: Calopterygidae	മരതകതുമ്പികൾ			
24	<i>Neurobasis chinensis</i> (Linnaeus, 1758)	പീലിത്തുമ്പി	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
25	<i>Vestalis apicalis</i> Selys, 1873	ചുട്ടിച്ചിറകൻ തണൽതുമ്പി	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
26	<i>Vestalis gracilis</i> (Rambur, 1842)	ചെറിയ തണൽതുമ്പി	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
27	<i>Vestalis submontana</i> Fraser, 1934	കാട്ടു തണൽതുമ്പി	Kiran & Raju (2011); Subramanian et al. (2018)	NE	EN IND
	4. Family: Chlorocyphidae	നീർരത്നങ്ങൾ			
28	<i>Calocypha laidlawi</i> (Fraser, 1924)	മേഘവർണ്ണൻ	Kiran & Raju (2011); Subramanian et al. (2018)	DD	EN WG
29	<i>Heliocypha bisignata</i> (Hagen in Selys, 1853)	നീർമാണിക്യൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	EN IND

	Scientific name	Malayalam name	References	IUCN	END
30	<i>Libellago indica</i> (Fraser, 1928)	തവളക്കണ്ണൻതുമ്പി	Kiran & Raju (2011); Subramanian et al. (2018)	NE	EN IND
	5. Family: Euphaeidae	അരുവിയന്മാർ			
31	<i>Dysphaea ethela</i> Fraser, 1924	കരിമ്പൻ അരുവിയൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	EN IND
32	<i>Euphaea cardinalis</i> (Fraser, 1924)	തെക്കൻ അരുവിയൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	EN WG
33	<i>Euphaea dispar</i> Rambur, 1842	വടക്കൻ അരുവിയൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	EN WG
34	<i>Euphaea fraseri</i> (Laidlaw, 1920)	ചെങ്കുപ്പൻ അരുവിയൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	EN WG
	6. Family: Platynemididae	പാൽത്തുമ്പികൾ			
35	<i>Caconeura gomphoides</i> (Rambur, 1842)	കാട്ടുമുളവാലൻ	Kiran & Raju (2011); Subramanian et al. (2018)	NE	EN WG
36	<i>Caconeura ramburi</i> (Fraser, 1922)	മലബാർ മുളവാലൻ	Kiran & Raju (2011); Subramanian et al. (2018)	DD	EN IND
37	<i>Caconeura risi</i> (Fraser, 1931)	വയനാടൻ മുളവാലൻ	Kiran & Raju (2011); Subramanian et al. (2018)	DD	EN WG
38	<i>Copera marginipes</i> (Rambur, 1842)	മഞ്ഞക്കാലി പാൽത്തുമ്പി	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
39	<i>Copera vittata</i> (Selys, 1863)	ചെങ്കാലി പാൽത്തുമ്പി	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
40	<i>Disparoneura apicalis</i> (Fraser, 1924)	ചുട്ടിച്ചിറകൻ മുളവാലൻ	Kiran & Raju (2011); Subramanian et al. (2018)	VU	EN WG
41	<i>Disparoneura quadrimaculata</i> (Rambur, 1842)	കരിഞ്ചിറകൻ മുളവാലൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	EN IND
42	<i>Elatoneura souteri</i> (Fraser, 1924)	ചെങ്കുപ്പൻ മുളവാലൻ	Kiran & Raju (2011); Subramanian et al. (2018)	DD	EN WG
43	<i>Elatoneura tetrica</i> (Laidlaw, 1917)	മഞ്ഞക്കുപ്പൻ മുളവാലൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	EN WG
44	<i>Esme cyaneovittata</i> Fraser, 1922	പഴനി മുളവാലൻ	Kiran & Raju (2011); Subramanian et al. (2018)	DD	EN WG
45	<i>Esme longistyla</i> Fraser, 1931	നീലഗിരി മുളവാലൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	EN WG
46	<i>Esme mudiensis</i> Fraser, 1931	തെക്കൻ മുളവാലൻ	Kiran & Raju (2011); Subramanian et al. (2018)	DD	EN WG
47	<i>Melanoneura bilineata</i> Fraser, 1922	വടക്കൻ മുളവാലൻ	Kiran & Raju (2011); Subramanian et al. (2018)	NT	EN WG
48	<i>Onychargia atrocyana</i> Selys, 1865	എണ്ണക്കുപ്പൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
49	<i>Phylloneura westermanni</i> (Hagen in Selys, 1860)	ചതുപ്പു മുളവാലൻ	Kiran & Raju (2011); Subramanian et al. (2018)	NT	EN WG
50	<i>Prodasineura verticalis</i> (Selys, 1860)	കരിഞ്ചെമ്പൻ മുളവാലൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
	7. Family: Coenagrionidae	നീലത്തന്മാർ			
51	<i>Aciagrion approximans</i> (Selys, 1876)	നീലച്ചിന്നൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
52	<i>Aciagrion occidentale</i> Laidlaw, 1919	നീലച്ചുട്ടി	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
53	<i>Agriocnemis keralensis</i> Peters, 1981	പത്തി പുൽച്ചിന്നൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	EN WG
54	<i>Agriocnemis pieris</i> Laidlaw, 1919	വെള്ളപ്പുൽച്ചിന്നൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
55	<i>Agriocnemis pygmaea</i> (Rambur, 1842)	നാട്ടുപുൽച്ചിന്നൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
56	<i>Agriocnemis splendidissima</i> Laidlaw, 1919	കാട്ടുപുൽച്ചിന്നൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
57	<i>Amphialagma parvum</i> (Selys, 1876)	ചെറുനീലിത്തുമ്പി	Muneer & Chandran (2020); Anonymous (2021)	LC	
58	<i>Archibasis oscillans</i> (Selys, 1877)	അരുവിത്തുമ്പി	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
59	<i>Ceriagrion cerinorubellum</i> (Brauer, 1865)	കനൽവാലൻ ചതുപ്പൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
60	<i>Ceriagrion chromothorax</i> Joshi & Sawant 2019	സിന്ധുദുർഗ് ചതുപ്പൻ	Varghese (2019)	NE	EN WG

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61	<i>Ceriagrion coromandelianum</i> (Fabricius, 1798)	നാട്ടുചതുപ്പൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
62	<i>Ceriagrion olivaceum</i> Laidlaw, 1914	കരിമ്പച്ചുചതുപ്പൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
63	<i>Ceriagrion rubiae</i> Laidlaw, 1916	തീച്ചതുപ്പൻ	Kiran & Raju (2011); Subramanian et al. (2018)	NE	
64	<i>Ischnura rubilio</i> Selys, 1876	മഞ്ഞപ്പുൽമാണിക്യൻ	Kiran & Raju (2011); Subramanian et al. (2018)	NE	
65	<i>Ischnura senegalensis</i> (Rambur, 1842)	നീല പുൽമാണിക്യൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
66	<i>Mortonagrion varralli</i> Fraser, 1920	കരിയിലത്തുമ്പി	Kiran & Raju (2011); Subramanian et al. (2018)	DD	EN IND
67	<i>Paracercion calamorum</i> (Ris, 1916)	ചുട്ടിവാലൻ താമരത്തുമ്പി	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
68	<i>Paracercion malayanum</i> (Selys, 1876)	മലയൻ താമരത്തുമ്പി	Ueda, K. (2021b)	LC	
69	<i>Pseudagrion australasiae</i> Selys, 1876	കുറുവാലൻ പുത്താലി	Chandran et al. (2021)	LC	
70	<i>Pseudagrion decorum</i> (Rambur, 1842)	ഇളനീലി പുത്താലി	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
71	<i>Pseudagrion indicum</i> Fraser, 1924	മഞ്ഞവരയൻ പുത്താലി	Kiran & Raju (2011); Subramanian et al. (2018)	LC	EN WG
72	<i>Pseudagrion malabaricum</i> Fraser, 1924	കാട്ടുപുത്താലി	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
73	<i>Pseudagrion microcephalum</i> (Rambur, 1842)	നാട്ടുപുത്താലി	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
74	<i>Pseudagrion rubriceps</i> Selys, 1876	ചെമ്മുഖപ്പുത്താലി	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
	II. Suborder: Anisoptera	കല്ലൻത്തുമ്പികൾ			
	8. Family: Aeshnidae	സൂചിവാലൻ കല്ലൻത്തുമ്പികൾ			
75	<i>Anaciaeschna jaspidea</i> (Burmeister, 1839)	തൂരുമ്പൻ രാജൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
76	<i>Anaciaeschna martini</i> (Selys, 1897)	ചോലരാജൻതുമ്പി	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
77	<i>Anax ephippiger</i> (Burmeister, 1839)	തൂരുമ്പൻ ചാത്തൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
78	<i>Anax guttatus</i> (Burmeister, 1839)	മരതകരാജൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
79	<i>Anax immaculifrons</i> Rambur, 1842	നീലരാജൻതുമ്പി	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
80	<i>Anax indicus</i> Lieftinck, 1942	പീതാംബരൻതുമ്പി	Ueda, K. (2021c)	LC	
81	<i>Anax parthenope</i> (Selys, 1839)	തവിട്ട് രാജൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
82	<i>Gynacantha dravida</i> Lieftinck, 1960	സൂചിവാലൻ രാക്കൊതിച്ചി	Kiran & Raju (2011); Subramanian et al. (2018)	DD	
83	<i>Gynacantha millardi</i> Fraser, 1920*	തത്തമ്മത്തുമ്പി	Kiran & Raju (2011); Subramanian et al. (2018)	NE	
	9. Family: Gomphidae	കടുവാത്തുമ്പികൾ			
84	<i>Acrogomphus fraseri</i> Laidlaw, 1925	പൊക്കൻ കടുവ	Kiran & Raju (2011); Subramanian et al. (2018)	DD	EN WG
85	<i>Burmagomphus laidlawi</i> Fraser, 1924	ചതുരവാലൻ കടുവ	Kiran & Raju (2011); Subramanian et al. (2018)	DD	EN WG
86	<i>Burmagomphus pyramidalis</i> Laidlaw, 1922	പുള്ളി ചതുരവാലൻ കടുവ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
87	<i>Cyclogomphus flavoannulatus</i> Rangnekar, Dharwadkar, Sadasivan & Subramanian, 2019	മഞ്ഞ വിശറിവാലൻ കടുവ	Rangnekar et al. (2019)	NE	EN WG
88	<i>Cyclogomphus heterostylus</i> Selys, 1854	വിശറിവാലൻ കടുവ	Subramanian et al. (2018)	DD	EN WG
89	<i>Davidioides martini</i> Fraser, 1924	സൈരന്ധ്രിക്കടുവ	Kiran & Raju (2011); Subramanian et al. (2018)	DD	EN WG
90	<i>Gomphidia kodaguensis</i> Fraser, 1923	പുഴക്കടുവ	Kiran & Raju (2011); Subramanian et al. (2018)	DD	EN WG
91	<i>Heliogomphus promelas</i> (Selys, 1873)	കൊമ്പൻ കടുവ	Kiran & Raju (2011); Subramanian et al. (2018)	NT	EN WG
92	<i>Ictinogomphus rapax</i> (Rambur, 1842)	നാട്ടുകടുവ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	

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93	<i>Lamelligomphus nilgiriensis</i> (Fraser, 1922)	നീലഗിരി നഖവാലൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	EN WG
94	<i>Macrogomphus wynaadicus</i> Fraser, 1924	വയനാടൻ കടുവ	Kiran & Raju (2011); Subramanian et al. (2018)	DD	EN WG
95	<i>Megalogomphus hannyngtoni</i> (Fraser, 1923)	പെരുവാലൻ കടുവ	Kiran & Raju (2011); Subramanian et al. (2018)	NT	EN WG
96	<i>Megalogomphus superbus</i> Fraser, 1931	ചോര പെരുവാലൻ കടുവ	Kiran & Raju (2011); Subramanian et al. (2018)	DD	EN WG
97	<i>Melligomphus acinaces</i> (Laidlaw, 1922)	കുറു നഖവാലൻ	Kiran & Raju (2011); Subramanian et al. (2018)	DD	EN WG
98	<i>Merogomphus longistigma</i> (Fraser, 1922)	പുള്ളിവാലൻ ചോലക്കടുവ	Kiran & Raju (2011); Subramanian et al. (2018)	DD	EN WG
99	<i>Merogomphus tamaracherriensis</i> Fraser, 1931	മലബാർ പുള്ളിവാലൻ ചോലക്കടുവ	Kiran & Raju (2011); Subramanian et al. (2018)	NE	EN WG
100	<i>Microgomphus souteri</i> Fraser, 1924	കടുവാച്ചിന്നൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	EN WG
101	<i>Nychogomphus striatus</i> (Fraser, 1924)	വരയൻ നഖവാലൻ	Subramanian et al. (2018)	DD	EN WG
102	<i>Onychogomphus malabarensis</i> (Fraser, 1924)**	വടക്കൻ നഖവാലൻ	Subramanian et al. (2018)	DD	EN WG
103	<i>Paragomphus lineatus</i> (Selys, 1850)	ചുണ്ടവാലൻ കടുവ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
	10. Family: Chlorogomphidae	മലമുത്തന്മാർ			
104	<i>Chlorogomphus campioni</i> (Fraser, 1924)	നീലഗിരി മലമുത്തൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	EN WG
105	<i>Chlorogomphus xanthoptera</i> (Fraser, 1919)	ആനമല മലമുത്തൻ	Kiran & Raju (2011); Subramanian et al. (2018)	VU	EN WG
	11. Family: Macromiidae	നീർക്കാവലൻമാർ			
106	<i>Epophthalmia frontalis</i> Selys, 1871	പുള്ളി നീർക്കാവലൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
107	<i>Epophthalmia vittata</i> Burmeister, 1839	നാട്ടു നീർക്കാവലൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
108	<i>Macromia annaimallaiensis</i> Fraser, 1931	കാട്ടു പെരുങ്കണ്ണൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	EN WG
109	<i>Macromia bellicosa</i> Fraser, 1924	വഴക്കാളിപ്പെരുങ്കണ്ണൻ	Subramanian et al. (2018)	LC	EN WG
110	<i>Macromia cingulata</i> Rambur, 1842	ആറ്റു പെരുങ്കണ്ണൻ	Subramanian et al. (2018)	LC	EN IND
111	<i>Macromia ellisoni</i> Fraser, 1924	നാട്ടു പെരുങ്കണ്ണൻ	Subramanian et al. (2018)	LC	EN WG
112	<i>Macromia flavocolorata</i> Fraser, 1922	മഞ്ഞപ്പെരുങ്കണ്ണൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
113	<i>Macromia ida</i> Fraser, 1924	മാമലപ്പെരുങ്കണ്ണൻ	Subramanian et al. (2018)	LC	EN WG
114	<i>Macromia indica</i> Fraser, 1924	ഇന്ത്യൻ പെരുങ്കണ്ണൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	EN WG
115	<i>Macromia irata</i> Fraser, 1924	ചുടൻ പെരുങ്കണ്ണൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	EN WG
	12. Family: Corduliidae	മരതകക്കണ്ണന്മാർ			
116	<i>Hemicordulia asiatica</i> Selys, 1878	കാട്ടു മരതകൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
	13. Family: Libellulidae	നീർമുത്തന്മാർ			
117	<i>Acisoma panorpoides</i> Rambur, 1842	മകുടിവാലൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
118	<i>Aethriamanta brevipennis</i> (Rambur, 1842)	ചോപ്പൻ കുറുവാലൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
119	<i>Brachydiplax chalybea</i> Brauer, 1868	തവിട്ടുവെണ്ണിറൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
120	<i>Brachydiplax sobrina</i> (Rambur, 1842)	ചെറുവെണ്ണിറൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
121	<i>Brachythemis contaminata</i> (Fabricius, 1793)	ചങ്ങാതിത്തുമ്പി	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
122	<i>Bradinopyga geminata</i> (Rambur, 1842)	മതിൽത്തുമ്പി	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
123	<i>Bradinopyga konkanensis</i> Joshi & Sawant, 2020	ചെങ്കൽത്തുമ്പി	Haneef et al. (2021)	NE	EN WG

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124	<i>Cratilla lineata</i> (Brauer, 1878)	കാട്ടുപതുങ്ങൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
125	<i>Crocothemis servilia</i> (Drury, 1773)	വയൽത്തുമ്പി	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
126	<i>Diplacodes lefebvrii</i> (Rambur, 1842)	കരിനീലത്തൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
127	<i>Diplacodes nebulosa</i> (Fabricius, 1793)	ചുട്ടിനീലത്തൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
128	<i>Diplacodes trivialis</i> (Rambur, 1842)	നാട്ടുമ്പി	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
129	<i>Epithemis mariae</i> (Laidlaw, 1915)	തീക്കുറുപ്പൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	EN WG
130	<i>Hydrobasileus croceus</i> (Brauer, 1867)	പാണ്ടൻ പരുന്തൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
131	<i>Hylaeothemis apicalis</i> Fraser, 1924	നീലനീർത്തോഴൻ	Kiran & Raju (2011); Subramanian et al. (2018)	DD	EN IND
132	<i>Indothemis carnatica</i> (Fabricius, 1798)	കരിമ്പൻ ചരൽമുത്തി	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
133	<i>Indothemis limbata</i> (Selys, 1891)	പാണ്ടൻ കരിമുത്തൻ	Muneer & Chandran (2020); Ueda, K. (2021a)	LC	
134	<i>Lathrecista asiatica</i> (Fabricius, 1798)	ചോരവാലൻതുമ്പി	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
135	<i>Lyriothemis acigastria</i> (Selys, 1878)	കുളളൻ വർണ്ണത്തുമ്പി	Emiliyamma et al. (2013); Subramanian et al. (2018)	DD	
136	<i>Lyriothemis tricolor</i> Ris, 1919	മഞ്ഞവരയൻ വർണ്ണത്തുമ്പി	Das et al. (2013); Subramanian et al. (2018)	LC	
137	<i>Macrodiplax cora</i> (Kaup in Brauer, 1867)	പൊഴിത്തുമ്പി	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
138	<i>Neurothemis fulvia</i> (Drury, 1773)	തൂരുമ്പൻതുമ്പി	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
139	<i>Neurothemis intermedia</i> (Rambur, 1842)	പൂൽത്തൂരുമ്പൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
140	<i>Neurothemis tullia</i> (Drury, 1773)	സ്വാമിത്തുമ്പി	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
141	<i>Onychothemis testacea</i> Laidlaw, 1902	കാട്ടുപൂളളൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
142	<i>Orthetrum chrysis</i> (Selys, 1891)	ചെന്തവിടൻ വ്യാളി	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
143	<i>Orthetrum glaucum</i> (Brauer, 1865)	നീലവ്യാളി	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
144	<i>Orthetrum luzonicum</i> (Brauer, 1868)	ത്രിവർണ്ണൻ വ്യാളി	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
145	<i>Orthetrum pruinosum</i> (Burmeister, 1839)	പവിഴവാലൻ വ്യാളി	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
146	<i>Orthetrum sabina</i> (Drury, 1770)	പച്ചവ്യാളി	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
147	<i>Orthetrum taeniolatum</i> (Schneider, 1845)	ചെറുവ്യാളി	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
148	<i>Orthetrum triangulare</i> (Selys, 1878)	നീലക്കുറുപ്പൻ വ്യാളി	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
149	<i>Palpopleura sexmaculata</i> (Fabricius, 1787)	നീലക്കുറുവാലൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
150	<i>Pantala flavescens</i> (Fabricius, 1798)	തൂലാത്തുമ്പി	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
151	<i>Potamarcha congener</i> (Rambur, 1842)	പൂളളിവാലൻതുമ്പി	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
152	<i>Rhodothemis rufa</i> (Rambur, 1842)	ചെമ്പൻതുമ്പി	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
153	<i>Rhyothemis triangularis</i> Kirby, 1889	കരിനീലച്ചിറകൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
154	<i>Rhyothemis variegata</i> (Linnaeus, 1763)	ഓണത്തുമ്പി	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
155	<i>Sympetrum fonscolombii</i> (Selys, 1840)	കുങ്കുമച്ചിറകൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
156	<i>Tetrathemis platyptera</i> Selys, 1878	കുളളൻതുമ്പി	Kiran & Raju (2011); Subramanian et al. (2018)	LC	

	Scientific name	Malayalam name	References	IUCN	END
157	<i>Tholymis tillarga</i> (Fabricius, 1798)	പവിഴവാലൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
158	<i>Tramea basilaris</i> (Palisot de Beauvois, 1817)	ചെമ്പൻ പരുന്തൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
159	<i>Tramea limbata</i> (Desjardins, 1832)	കരിമ്പൻ പരുന്തൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
160	<i>Trithemis aurora</i> (Burmeister, 1839)	സിന്ദൂരത്തുമ്പി	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
161	<i>Trithemis festiva</i> (Rambur, 1842)	കാർത്തുമ്പി	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
162	<i>Trithemis kirbyi</i> Selys, 1891	ചോപ്പൻ പാറമുത്തി	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
163	<i>Trithemis pallidinervis</i> (Kirby, 1889)	കാറ്റാടിത്തുമ്പി	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
164	<i>Urothemis signata</i> (Rambur, 1842)	പാണ്ടൻ വയൽതെയ്യൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
165	<i>Zygonyx iris</i> Selys, 1869	നീരോട്ടക്കാരൻ	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
166	<i>Zyxomma petiolatum</i> Rambur, 1842	സൂചിവാലൻ സന്ധ്യാത്തുമ്പി	Kiran & Raju (2011); Subramanian et al. (2018)	LC	
	14. Genera Incertae sedis	കോമരത്തുമ്പികൾ			
167	<i>Idionyx corona</i> Fraser, 1921	നീലഗിരിക്കോമരം	Kiran & Raju (2011); Subramanian et al. (2018)	DD	EN WG
168	<i>Idionyx galeata</i> Fraser, 1924	മിനാരക്കോമരം	Kiran & Raju (2011); Subramanian et al. (2018)	EN	EN WG
169	<i>Idionyx gomantakensis</i> Subramanian, Rangnekar & Naik, 2013	ഗോവൻ കോമരം	Subramanian et al. (2013); Subramanian et al. (2018)	NE	EN WG
170	<i>Idionyx minima</i> Fraser, 1931	ചിന്നൻ കോമരം	Kiran & Raju (2011); Subramanian et al. (2018)	NE	EN WG
171	<i>Idionyx rhinoceroideus</i> Fraser, 1934***	കൊമ്പൻ കോമരം	Kiran & Raju (2011); Subramanian et al. (2018)	LC	EN WG
172	<i>Idionyx saffronata</i> Fraser, 1924	കാവിക്കോമരം	Kiran & Raju (2011); Subramanian et al. (2018)	DD	EN WG
173	<i>Idionyx travancorensis</i> Fraser, 1931	തെക്കൻ കോമരം	Kiran & Raju (2011); Subramanian et al. (2018)	DD	EN WG
174	<i>Macromidia donaldi</i> (Fraser, 1924)	നിഴൽക്കോമരം	Kiran & Raju (2011); Subramanian et al. (2018)	LC	

Checklist of Odonata of Kerala. IUCN Red List Status: NE—Not Evaluated | DD—Data Deficient | LC—Least Concern | NT—Near Threatened | VU—Vulnerable | EN—Endangered | Endemicity: EN WG—Endemic to the Western Ghats | EN IND—Endemic to India.

*According to Kalkman et al. (2020), *Gynacantha bayadera* is known from the northeast of Indian subcontinent and it is unclear if its distribution overlaps with that of *G. millardi*. We did a thorough study of citizen science portals and found numerous photographs of *G. millardi* from Kerala, but none of *G. bayadera*.

** *Onychogomphus malabarensis* (Fraser, 1924) is known only from a female holotype collected at Palakkad, Kerala in the Western Ghats (Fraser 1934). It has been suggested by Kalkman et al. (2020) that it could belong to a different genus and its present taxonomic status is temporary.

*** *Idionyx rhinoceroideus* Fraser, 1934 is known only from a female holotype collected at Palakkad, Kerala in the Western Ghats (Fraser 1936).

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Image 1. *Indolestes pulcherrimus*.



Image 2. *Protosticta cyanoferora*.



Image 3. *Amphiallagma parvum*.



Image 4. *Ceriagrion chromothorax*.



Image 5. *Paracercion malayanum*.



Image 6. *Cyclogomphus flavoannulatus* (female).



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Image 7. *Indothemis limbata*.

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Image 8. *Idionyx gomantakensis*.

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Image 9. *Disparoneura apicalis*.

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Image 10. *Heliogomphus promelas*.

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Image 11. *Indosticta deccanensis*.

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Image 12. *Megalogomphus hannyngtoni*.



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Image 13. *Melanoneura bilineata*.

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Image 15. *Protosticta sanguinostigma*.

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Image 14. *Phylloneura westermanni*.

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